

## Title (en)

Method for rapid detection and identification of bioagents

## Title (de)

Schnellverfahren zum Nachweis und zur Identifizierung von Bioagentien

## Title (fr)

Procédé de détection et d'identification rapides de bioagents

## Publication

**EP 2311992 A1 20110420 (EN)**

## Application

**EP 10179791 A 20020304**

## Priority

- EP 02709785 A 20020304
- US 79800701 A 20010302

## Abstract (en)

Method for detecting and identifying unknown bioagents, including bacteria, viruses and the like, by a combination of nucleic acid amplification and molecular weight determination using primers which hybridize to conserved sequence regions of nucleic acids derived from a bioagent and which bracket variable sequence regions that uniquely identify the bioagent. The result is a "base" composition signature" (BCS) which is then matched against a database of base composition signatures, by which the bioagent is identified.

## IPC 8 full level

**C12Q 1/68** (2006.01); **G01N 27/62** (2006.01); **C07H 21/02** (2006.01); **C07K 5/00** (2006.01); **C12N 15/09** (2006.01); **C12P 19/34** (2006.01); **C12Q 1/70** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01)

## CPC (source: EP US)

**C12Q 1/686** (2013.01 - EP US); **C12Q 1/689** (2013.01 - EP US); **C12Q 2600/156** (2013.01 - EP US)

## C-Set (source: EP US)

**C12Q 1/686** + **C12Q 2565/627**

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